



# **WAVEFORM TEST REPORT**

COMPARISON

for

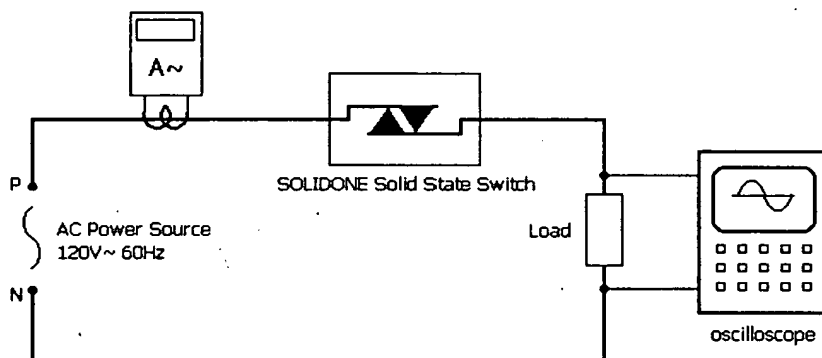
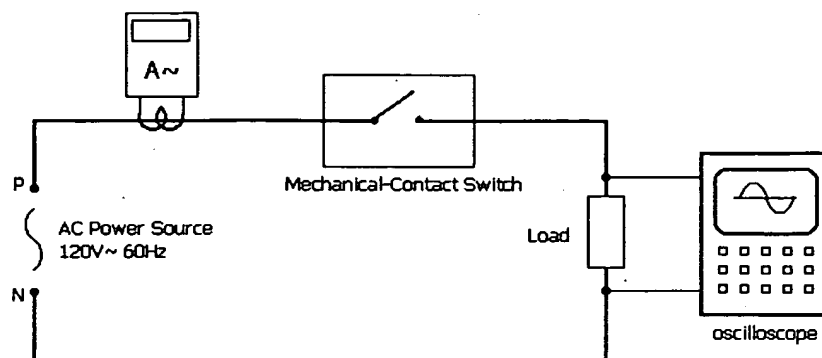
MS-1.5AN SOLIDONE Solid State Electrical Switch  
VS  
BA-2 Traditional Mechanical-Contact Electrical Switch

**SOLIDONE CORPORATION**

October 2001  
Silicon Valley



## TEST CONDITIONS



TEST CIRCUITS

### Test equipment:

Oscilloscope-- TDS-3032 0.3GHz, 2.5GS/s Color Digital Phosphor Oscilloscope;  
 Current Meter—FLUKE T5-1000 Electrical Tester;  
 SOLIDONE ST-120/25A Functional Test Equipment;  
 FLUKE 89IV True RMS Digital Multi-meter;  
 Variable Resistive Loads.

### Test electrical condition:

AC power 120V, 60Hz, Sine-wave;  
 Test load current when switch turned-ON-- 1.1A;

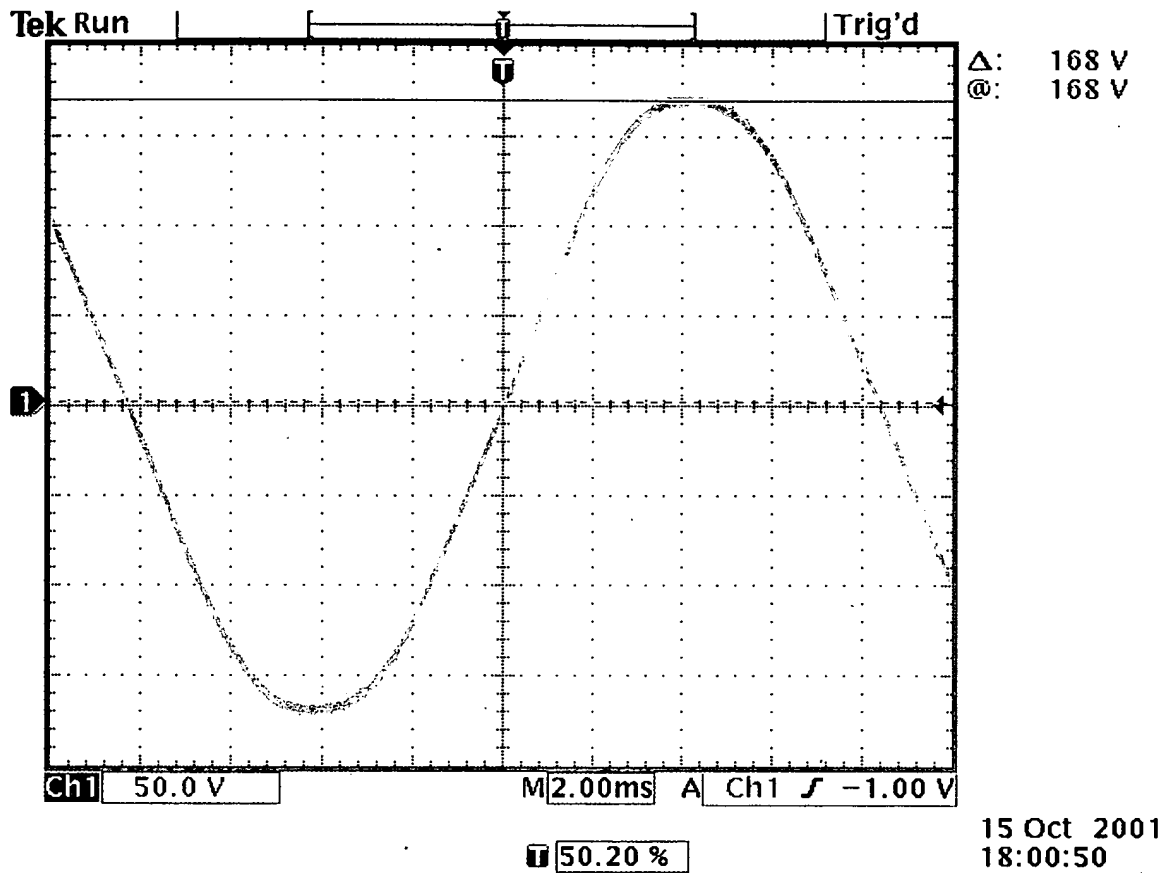
### Test Environment:

Air Temperature—25 Degree C;  
 Humidity Degree—47% RH.

Test by SOLIDONE Testing and Measuring Laboratory  
 at 1391 Geneva Dr. Sunnyvale, CA 94089.

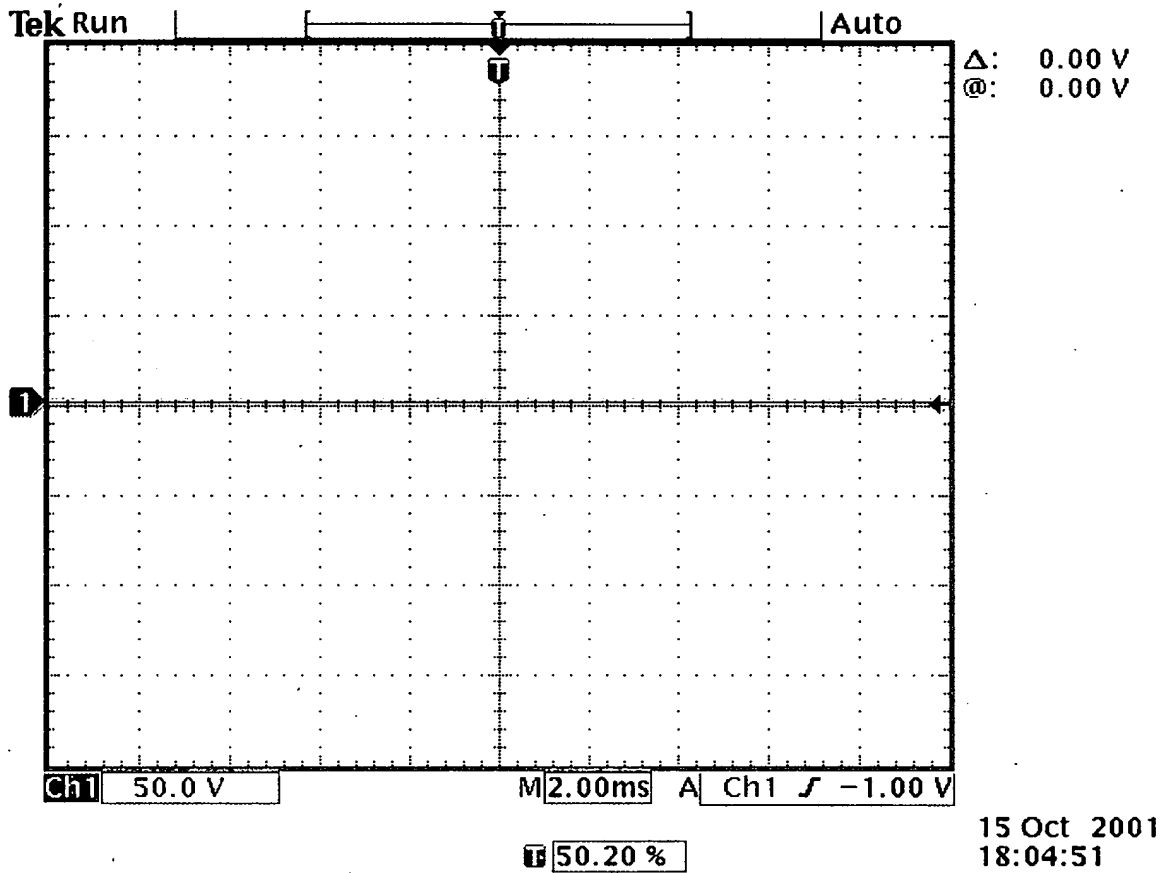
Test Manager: Lloyd Ebusu

Date: October 15/2001

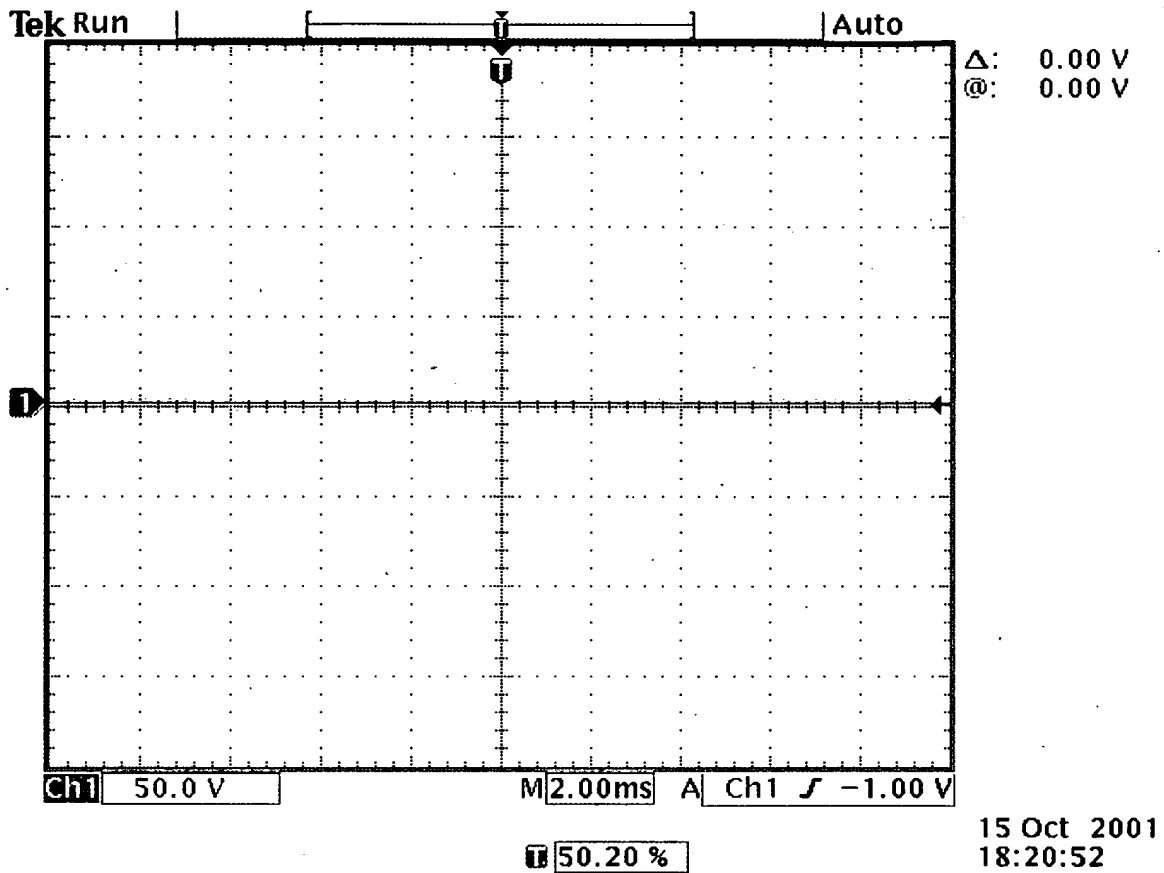


The waveform tested on the load when a BA2 traditional mechanical-contact electrical switch is ON-state.





The waveform tested on the load when a BA2 traditional mechanical-contact electrical switch is OFF-state.

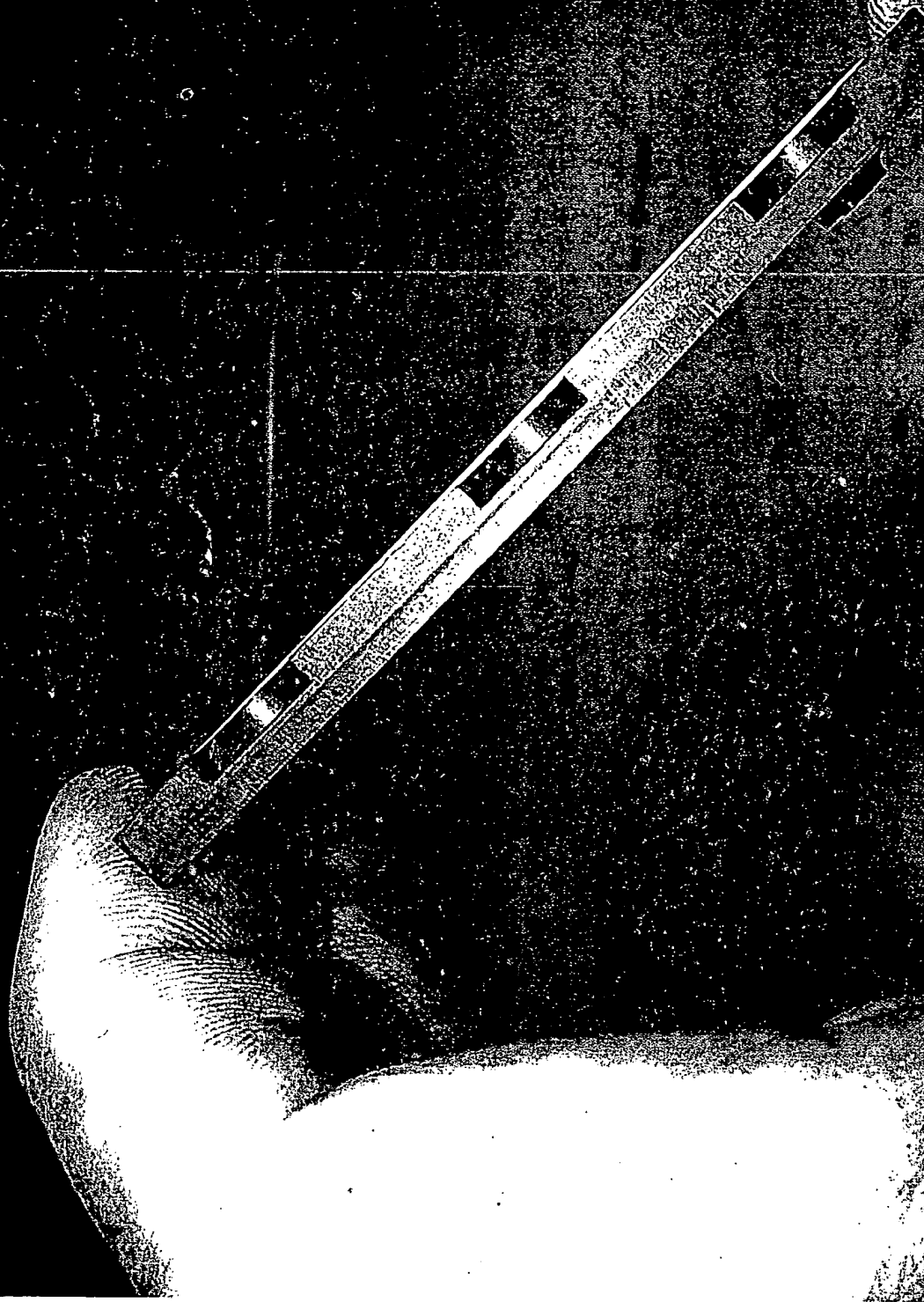


The waveform tested on the load when a MS-1.5AN SOLIDONE solid-state electrical switch is OFF-state.

Solidone's Solid State-Mini-Switch/ON-OFF Secure Button.



Solidone's Ultra Thin Solid State Mini-Switch







SOLIDONE'S FULL SOLID STATE OVER CURRENT TRIPPING POWER SWITCHES/CIRCUIT BREAKERS.